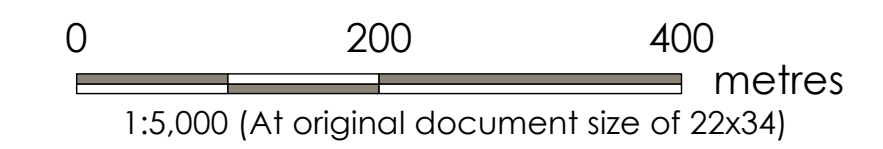


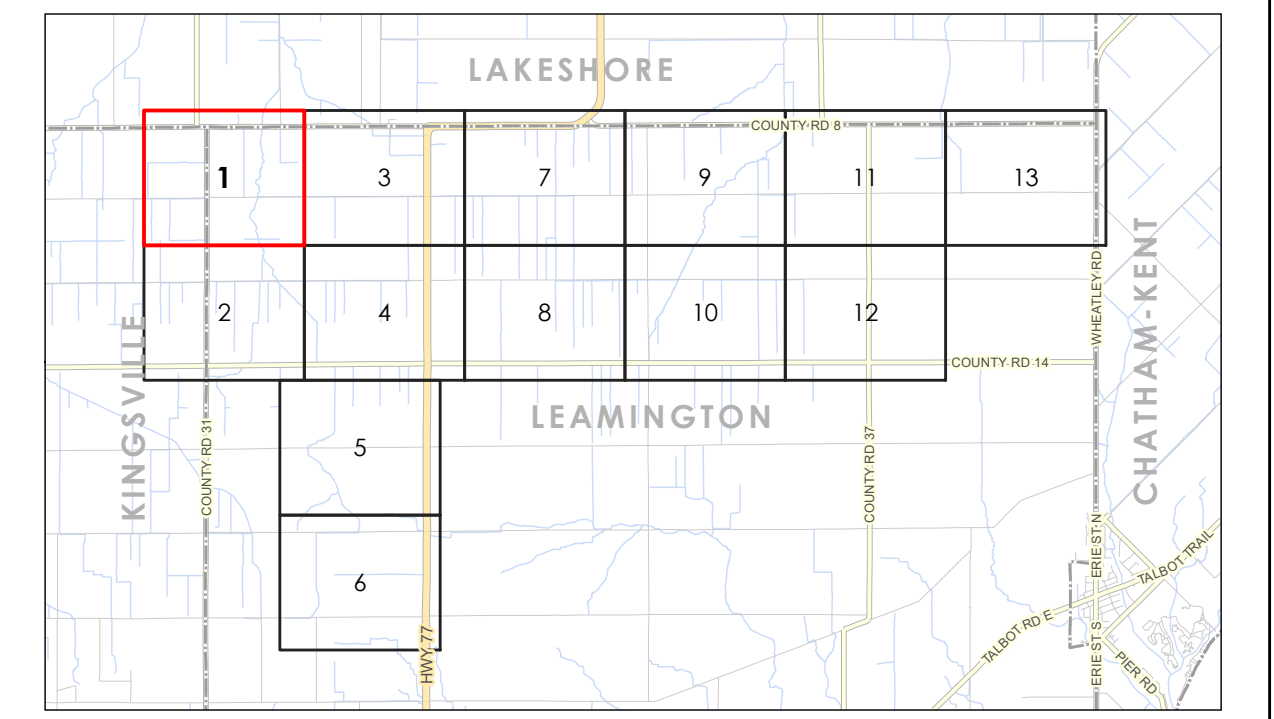
**Legend**

- Node ID  
Calculated Regulatory Flood Elevation (m)
  - Modeled Node - Existing Channel
  - Node ID  
Calculated Regulatory Flood Elevation (m)
  - Modeled Node - Realigned Channel
  - Proposed Floodway\*
  - Designated Temporary Floodplain Area
  - Ponding Above Road**
  - 0 - 30 cm of Pavement Edge
  - > 30 cm of Pavement Edge
  - Existing Building and Approximate Existing Grade Elevation (m)
  - Buildout Area
  - Existing Ground Elevation (m)**
- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| ≥ 201.51        | 195.51 - 196.00 | 189.51 - 190.00 |
| 201.01 - 201.50 | 195.01 - 195.50 | 189.01 - 189.50 |
| 200.51 - 201.00 | 194.51 - 195.00 | 188.51 - 189.00 |
| 200.01 - 200.50 | 194.01 - 194.50 | 188.01 - 188.50 |
| 199.51 - 200.00 | 193.51 - 194.00 | 187.51 - 188.00 |
| 199.01 - 199.50 | 193.01 - 193.50 | 187.01 - 187.50 |
| 198.51 - 199.00 | 192.51 - 193.00 | 186.51 - 187.00 |
| 198.01 - 198.50 | 192.01 - 192.50 | 186.01 - 186.50 |
| 197.51 - 198.00 | 191.51 - 192.00 | 185.51 - 186.00 |
| 197.01 - 197.50 | 191.01 - 191.50 | 185.01 - 185.50 |
| 196.51 - 197.00 | 190.51 - 191.00 | 184.51 - 185.00 |
| 196.01 - 196.50 | 190.01 - 190.50 | 184.01 - 184.50 |
|                 |                 | ≤ 184.00        |



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm for Reid Drain and Silver Creek watersheds defined herein as a 100-year 6-hour storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution. Regulatory Storm for Big Creek watershed is based on the 1937 historical flood defined herein as a 12-hour storm with rainfall amount of 113 millimetres.
4. Proposed floodway limits shown are for illustration purposes only and have been depicted as an 8 metre offset from approximate top of bank alignments. Actual limits of floodway are to be a minimum horizontal setback of 8 metres plus depth of drain. Development is prohibited within the floodway limits and the designated floodway area within these limits shall remain unencumbered of any obstruction or fill.
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Project Location: 165620134 REVD  
 Municipality of Leamington Prepared by KDB on 2021-02-19  
 Technical Review by DJC on 2021-02-19

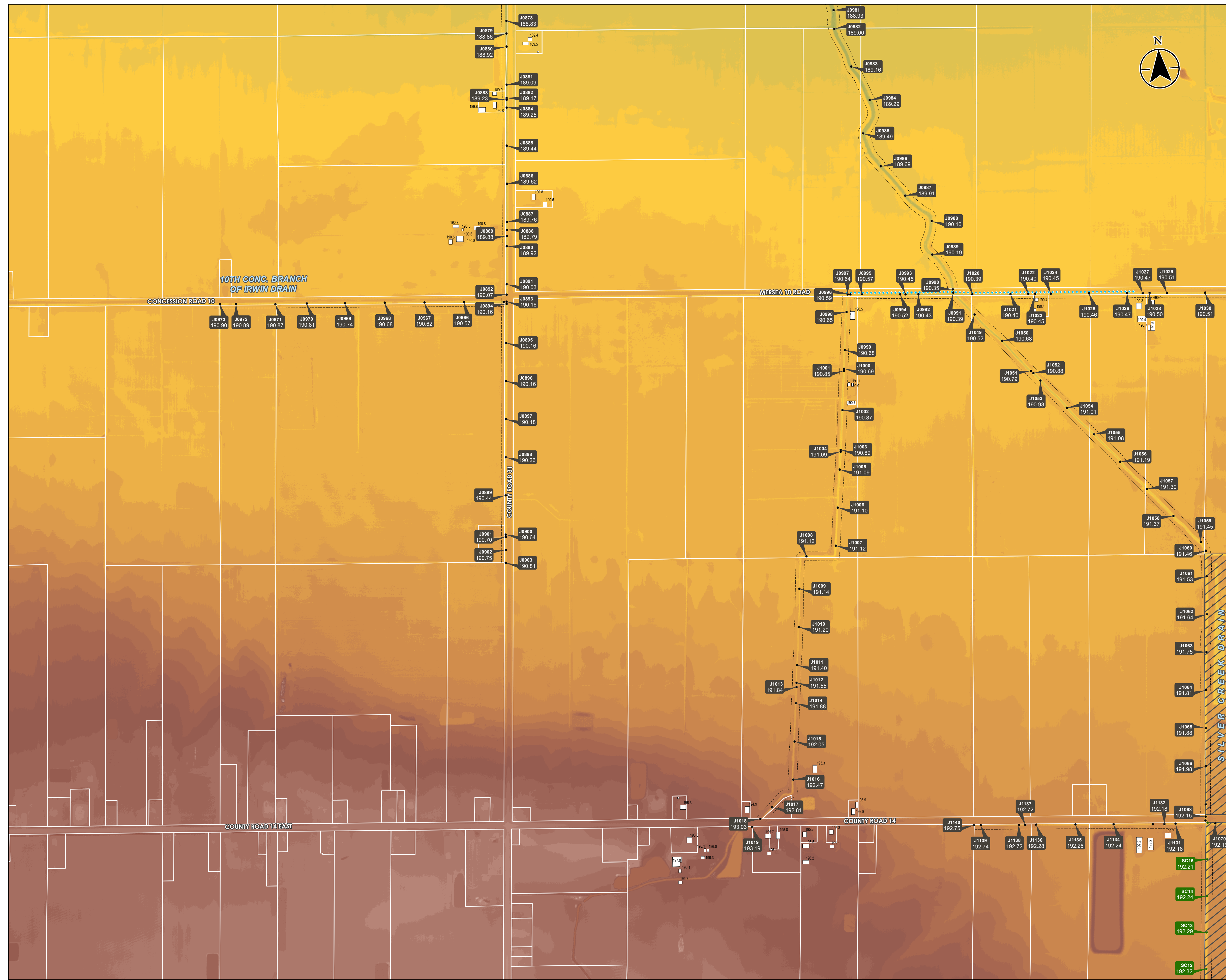
Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No. 1  
 Title: Projected Flood Elevations  
 1:100 Year Event

UPDATED FEBRUARY 19 2021

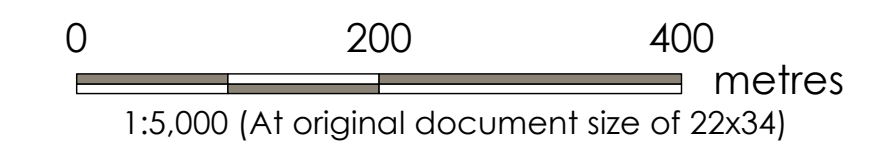
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 Revised: 2021-02-19 By: febuchanan

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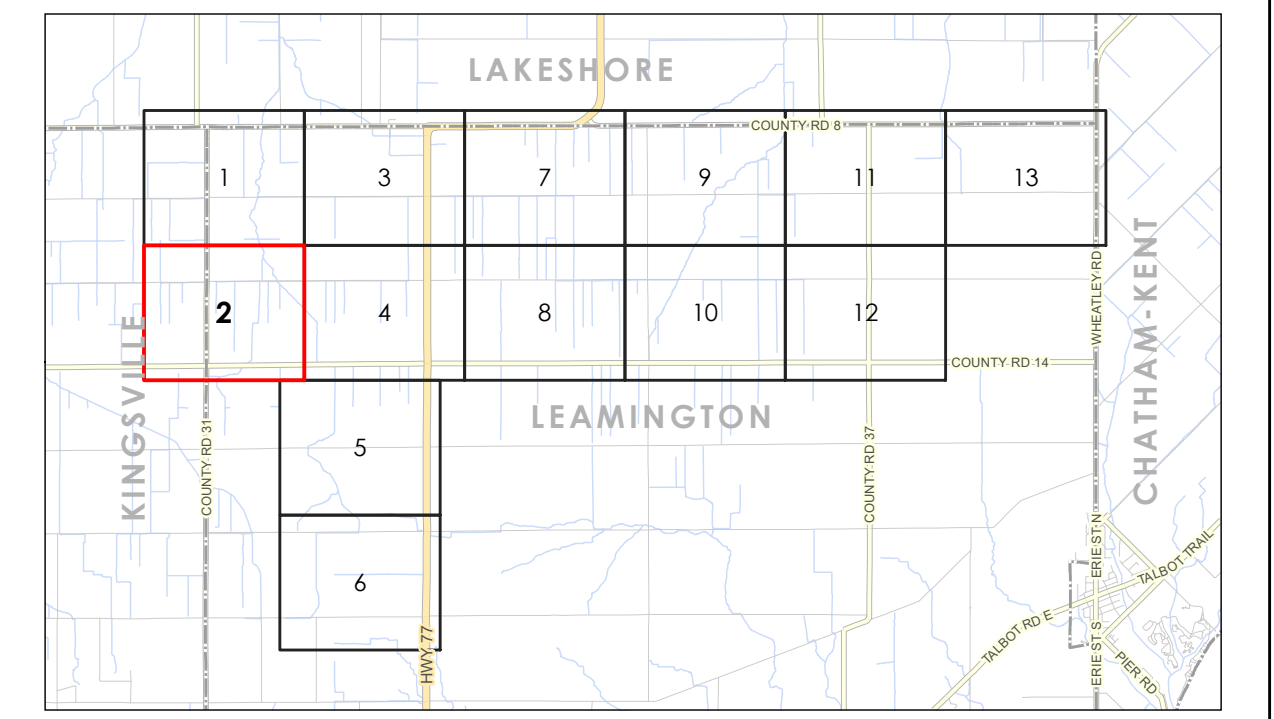
**Legend**

- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Existing Channel
- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Realigned Channel
- Proposed Floodway
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- ≥ 201.51
- 201.01 - 201.50
- 200.51 - 201.00
- 200.01 - 200.50
- 199.51 - 200.00
- 199.01 - 199.50
- 198.51 - 199.00
- 198.01 - 198.50
- 197.51 - 198.00
- 197.01 - 197.50
- 196.51 - 197.00
- 196.01 - 196.50
- 195.51 - 196.00
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- 194.51 - 195.00
- 194.01 - 194.50
- 193.51 - 194.00
- 193.01 - 193.50
- 192.51 - 193.00
- 192.01 - 192.50
- 191.51 - 192.00
- 191.01 - 191.50
- 190.51 - 191.00
- 190.01 - 190.50
- 189.51 - 190.00
- 189.01 - 189.50
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- 185.01 - 185.50
- 184.51 - 185.00
- 184.01 - 184.50
- ≤ 184.00



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm for Reid Drain and Silver Creek watersheds defined herein as a 100-year 6-hour storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution. Regulatory Storm for Big Creek watershed is based on the 1937 historical flood defined herein as a 12-hour storm with rainfall amount of 113 millimetres.
4. Proposed floodway limits shown are for illustration purposes only and have been depicted as an 8 metre offset from approximate top of bank alignments. Actual limits of floodway are to be a minimum horizontal setback of 8 metres plus depth of drain. Development is prohibited within the floodway limits and the designated floodway area within these limits shall remain unencumbered of any obstruction or fill.
5. Contains information licensed under the Open Government License - Ontario.

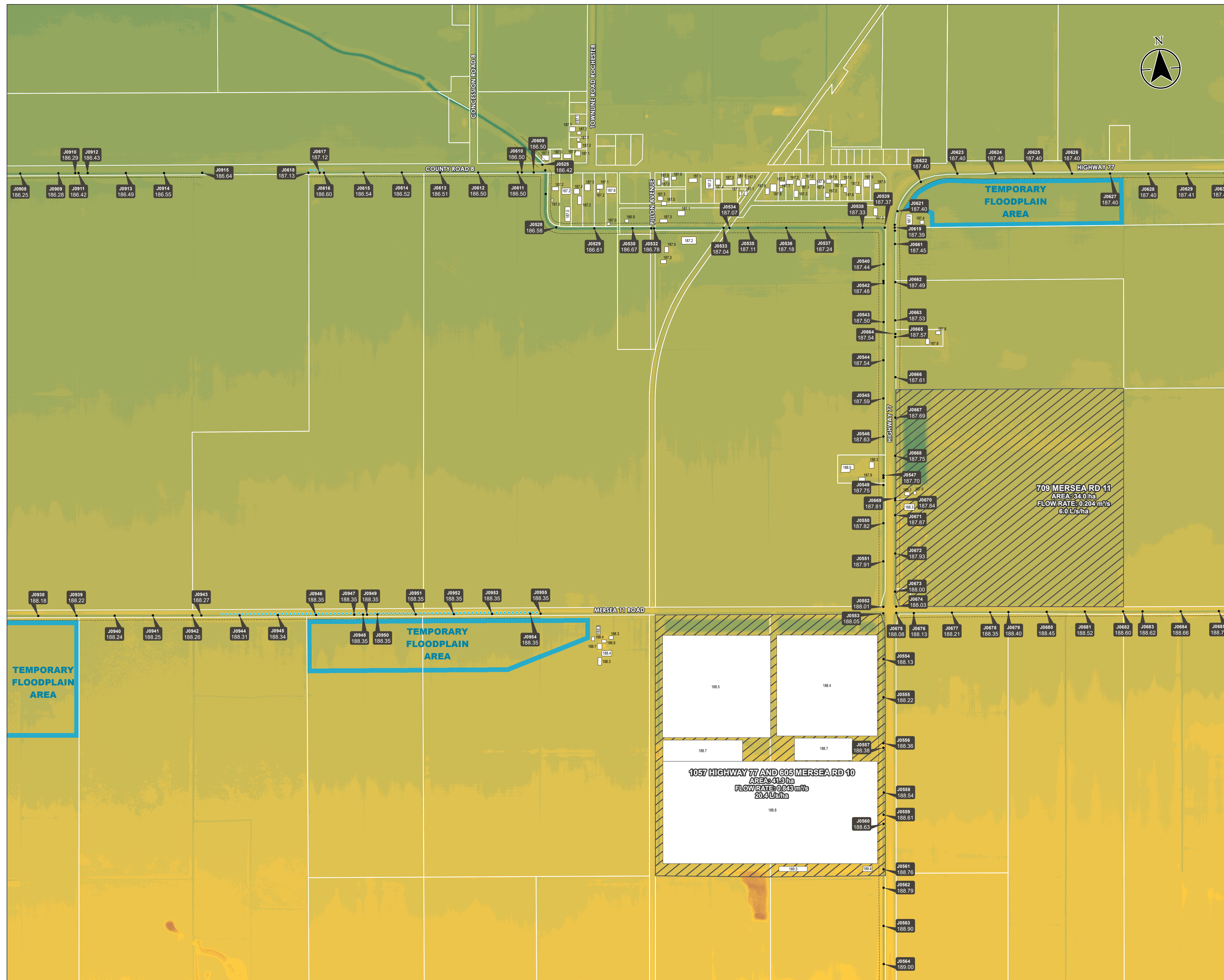


Project Location: Municipality of Leamington  
 Prepared by: KDB on 2021-02-19  
 Technical Review by: DJC on 2021-02-19

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **2**  
 Title: **Projected Flood Elevations 1:100 Year Event**

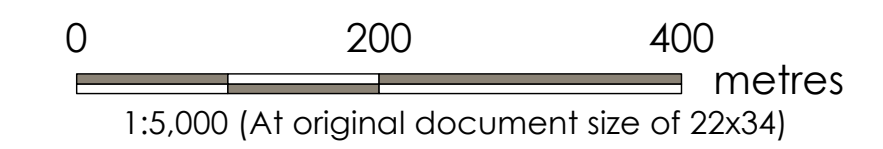
**UPDATED FEBRUARY 19 2021**



**Legend**

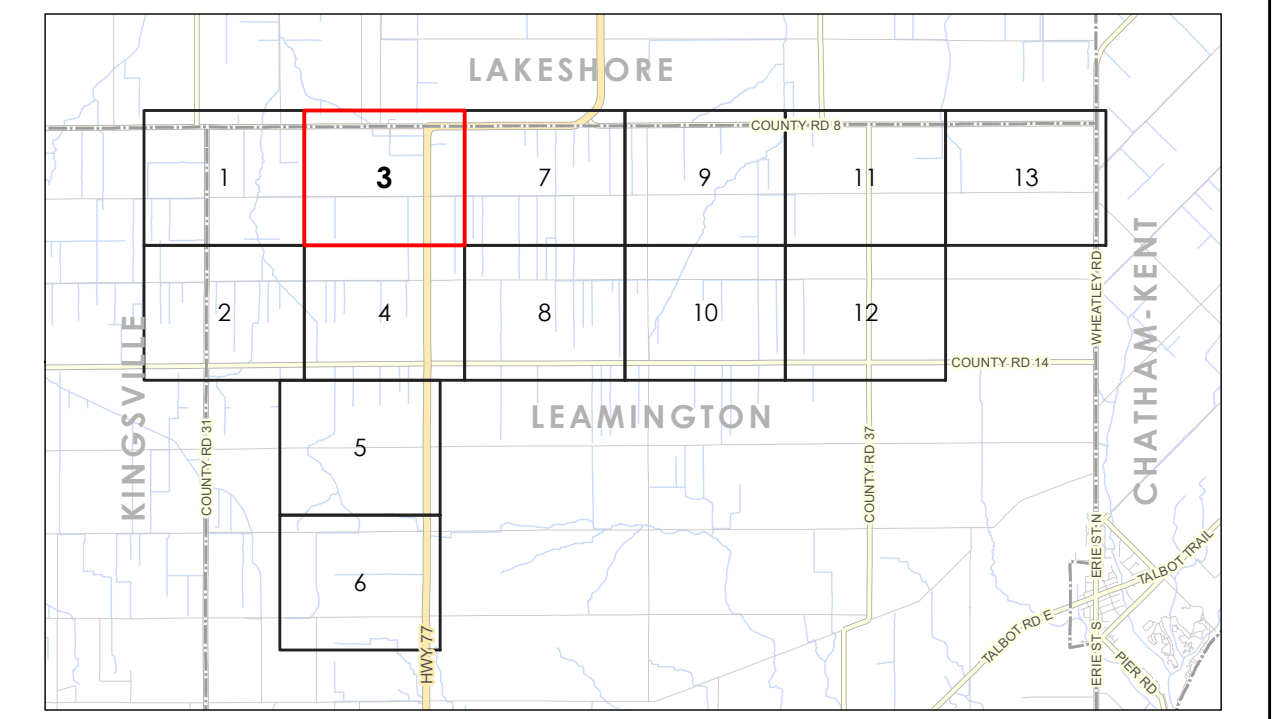
- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Existing Channel
- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Re-aligned Channel
- Proposed Floodway
- Designated Temporary Floodplain Area
- Ponding Above Road
  - 0 - 30 cm of Pavement Edge
  - > 30 cm of Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)
 

≥ 201.51	195.51 - 196.00	189.51 - 190.00
201.01 - 201.50	195.01 - 195.50	189.01 - 189.50
200.51 - 201.00	194.51 - 195.00	188.51 - 189.00
200.01 - 200.50	194.01 - 194.50	188.01 - 188.50
199.51 - 200.00	193.51 - 194.00	187.51 - 188.00
199.01 - 199.50	193.01 - 193.50	187.01 - 187.50
198.51 - 199.00	192.51 - 193.00	186.51 - 187.00
198.01 - 198.50	192.01 - 192.50	186.01 - 186.50
197.51 - 198.00	191.51 - 192.00	185.51 - 186.00
197.01 - 197.50	191.01 - 191.50	185.01 - 185.50
196.51 - 197.00	190.51 - 191.00	184.51 - 185.00
196.01 - 196.50	190.01 - 190.50	184.01 - 184.50
		≤ 184.00



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm for Reid Drain and Silver Creek watersheds defined herein as a 100-year 6-hour storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution. Regulatory Storm for Big Creek watershed is based on the 1937 historical flood defined herein as a 12-hour storm with rainfall amount of 113 millimetres.
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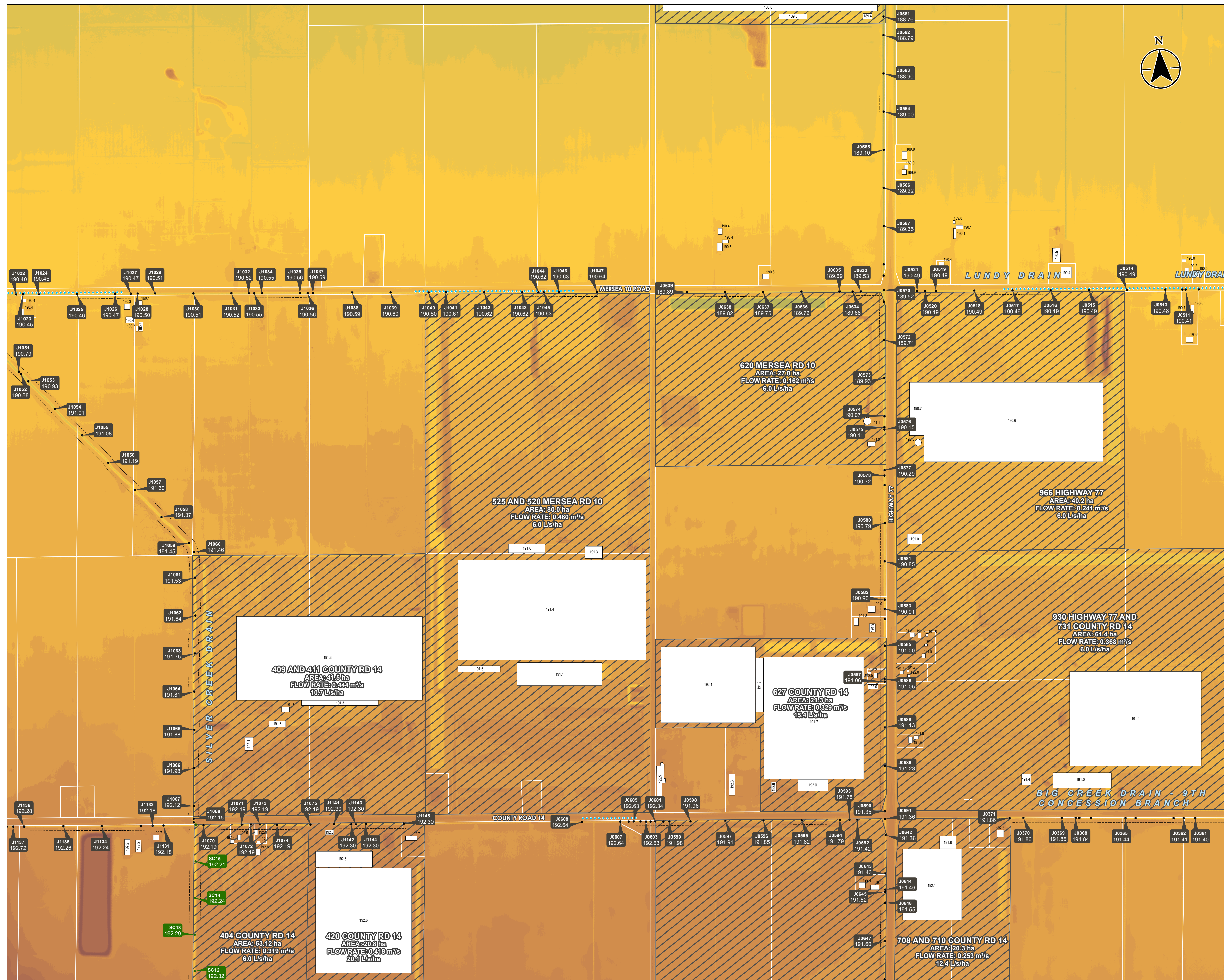
Project Location: 165620134 REV D  
 Municipality of Leamington: Prepared by KDB on 2021-02-19  
 Technical Review by DJC on 2021-02-19

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **3**  
 Title: **Projected Flood Elevations 1:100 Year Event**

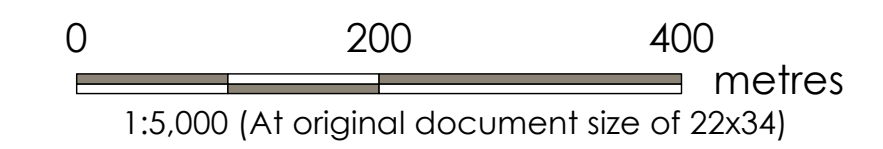
UPDATED FEBRUARY 19 2021

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 Revised: 2021-02-19 By: febuchanan



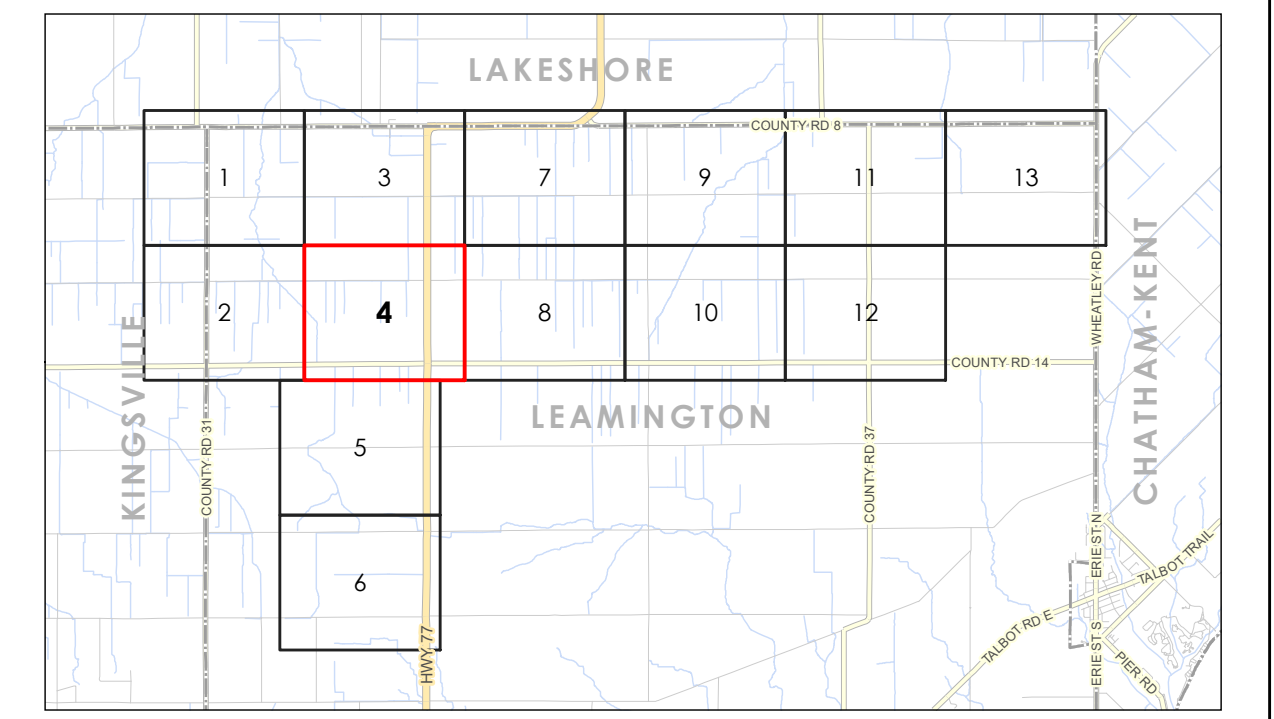
**Legend**

- Node ID  
Calculated Regulatory Flood Elevation (m)
  - Modeled Node - Existing Channel
  - Modeled Node - Realigned Channel
  - Proposed Floodway
  - Designated Temporary Floodplain Area
  - Ponding Above Road
    - 0 - 30 cm at Pavement Edge
    - > 30 cm at Pavement Edge
  - Existing Building and Approximate Existing Grade Elevation (m)
  - Buildout Area
- Existing Ground Elevation (m)**
- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| ≥ 201.51        | 195.51 - 196.00 | 189.51 - 190.00 |
| 201.01 - 201.50 | 195.01 - 195.50 | 189.01 - 189.50 |
| 200.51 - 201.00 | 194.51 - 195.00 | 188.51 - 189.00 |
| 200.01 - 200.50 | 194.01 - 194.50 | 188.01 - 188.50 |
| 199.51 - 200.00 | 193.51 - 194.00 | 187.51 - 188.00 |
| 199.01 - 199.50 | 193.01 - 193.50 | 187.01 - 187.50 |
| 198.51 - 199.00 | 192.51 - 193.00 | 186.51 - 187.00 |
| 198.01 - 198.50 | 192.01 - 192.50 | 186.01 - 186.50 |
| 197.51 - 198.00 | 191.51 - 192.00 | 185.51 - 186.00 |
| 197.01 - 197.50 | 191.01 - 191.50 | 185.01 - 185.50 |
| 196.51 - 197.00 | 190.51 - 191.00 | 184.51 - 185.00 |
| 196.01 - 196.50 | 190.01 - 190.50 | 184.01 - 184.50 |
|                 |                 | ≤ 184.00        |



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
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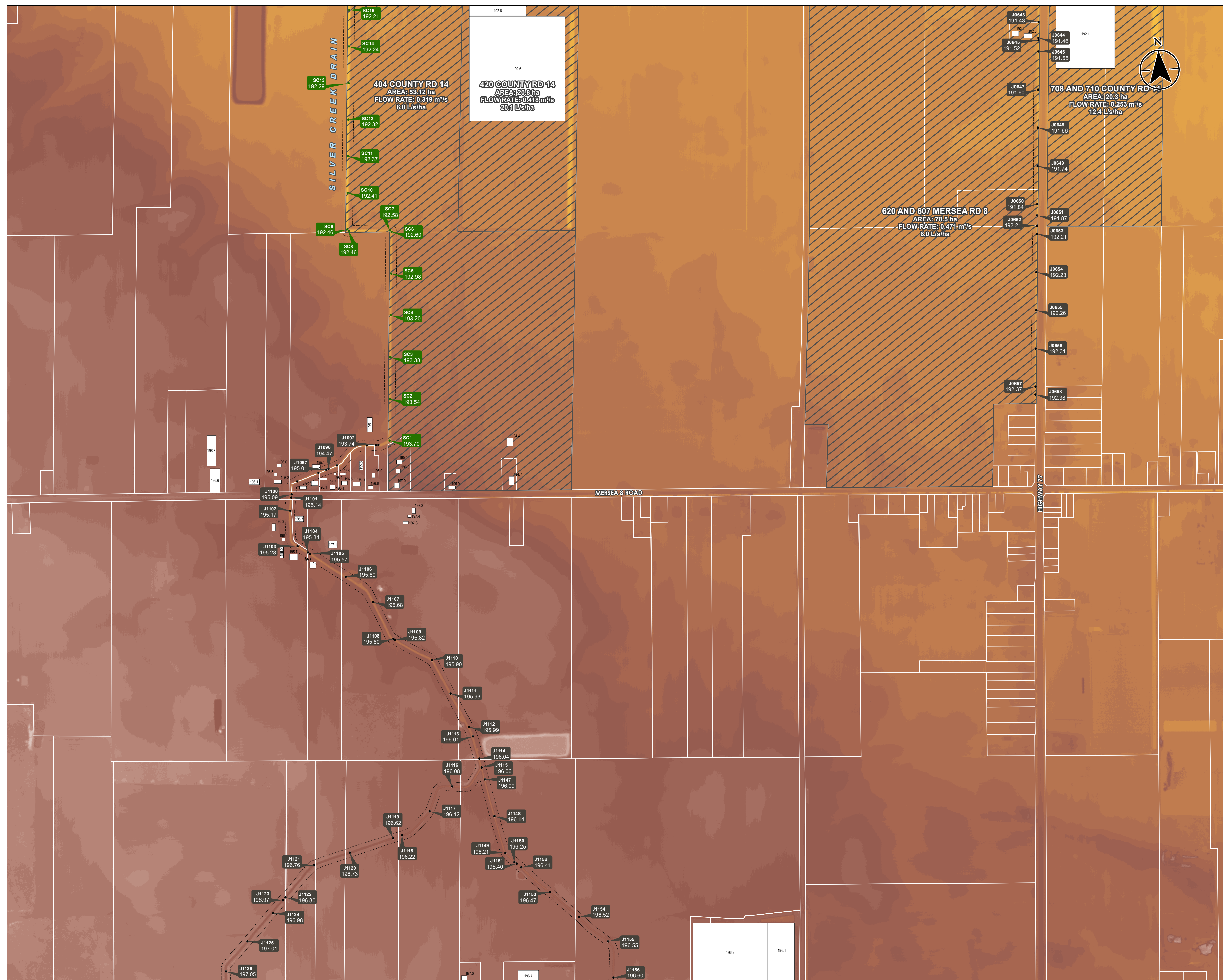
Project Location: 165620134 REVD  
 Municipality of Leamington: Prepared by KDB on 2021-02-19  
 Technical Review by DJC on 2021-02-19

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **4**  
 Title: **Projected Flood Elevations 1:100 Year Event**

**UPDATED FEBRUARY 19 2021**

\\ca0217\ppl\01\work\_group\01\656\active\165620134\Floodline\MXD\165620134\_BandedElevation\_Reviseed\_Alt\_20210214.mxd Revised: 2021-02-19 By: kshuchan



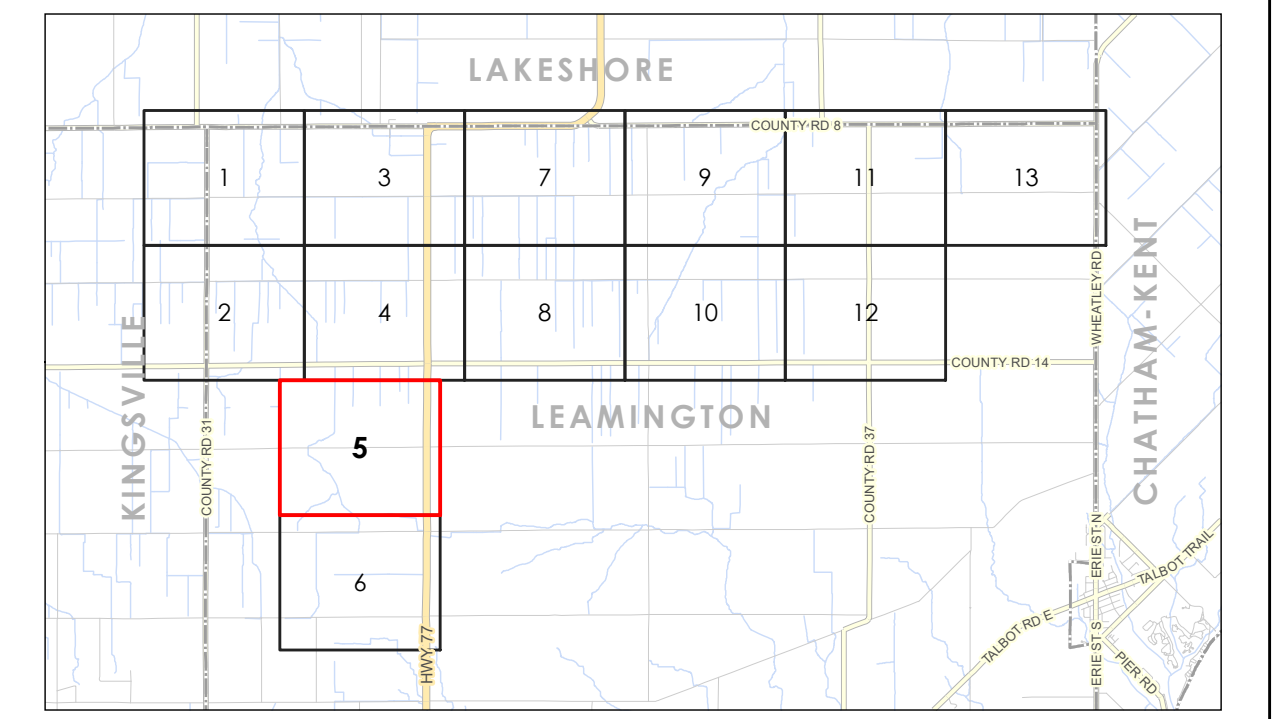
**Legend**

- Node ID  
Calculated Regulatory Flood Elevation (m)
  - Modeled Node - Existing Channel
  - Node ID  
Calculated Regulatory Flood Elevation (m)
  - Modeled Node - Realigned Channel
  - Proposed Floodway
  - Designated Temporary Floodplain Area
  - Ponding Above Road**
  - 0 - 30 cm of Pavement Edge
  - > 30 cm of Pavement Edge
  - Existing Building and Approximate Existing Grade Elevation (m)
  - Buildout Area
  - Existing Ground Elevation (m)**
- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| ≥ 201.51        | 195.51 - 196.00 | 189.51 - 190.00 |
| 201.01 - 201.50 | 195.01 - 195.50 | 189.01 - 189.50 |
| 200.51 - 201.00 | 194.51 - 195.00 | 188.51 - 189.00 |
| 200.01 - 200.50 | 194.01 - 194.50 | 188.01 - 188.50 |
| 199.51 - 200.00 | 193.51 - 194.00 | 187.51 - 188.00 |
| 199.01 - 199.50 | 193.01 - 193.50 | 187.01 - 187.50 |
| 198.51 - 199.00 | 192.51 - 193.00 | 186.51 - 187.00 |
| 198.01 - 198.50 | 192.01 - 192.50 | 186.01 - 186.50 |
| 197.51 - 198.00 | 191.51 - 192.00 | 185.51 - 186.00 |
| 197.01 - 197.50 | 191.01 - 191.50 | 185.01 - 185.50 |
| 196.51 - 197.00 | 190.51 - 191.00 | 184.51 - 185.00 |
| 196.01 - 196.50 | 190.01 - 190.50 | 184.01 - 184.50 |
|                 |                 | ≤ 184.00        |



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm for Reid Drain and Silver Creek watersheds defined herein as a 100-year 6-hour storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution. Regulatory Storm for Big Creek watershed is based on the 1937 historical flood defined herein as a 12-hour storm with rainfall amount of 113 millimetres.
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5. Contains information licensed under the Open Government License - Ontario.



Project Location: 165620134 REVD  
 Municipality of Leamington: Prepared by KDB on 2021-02-19  
 Technical Review by DJC on 2021-02-19

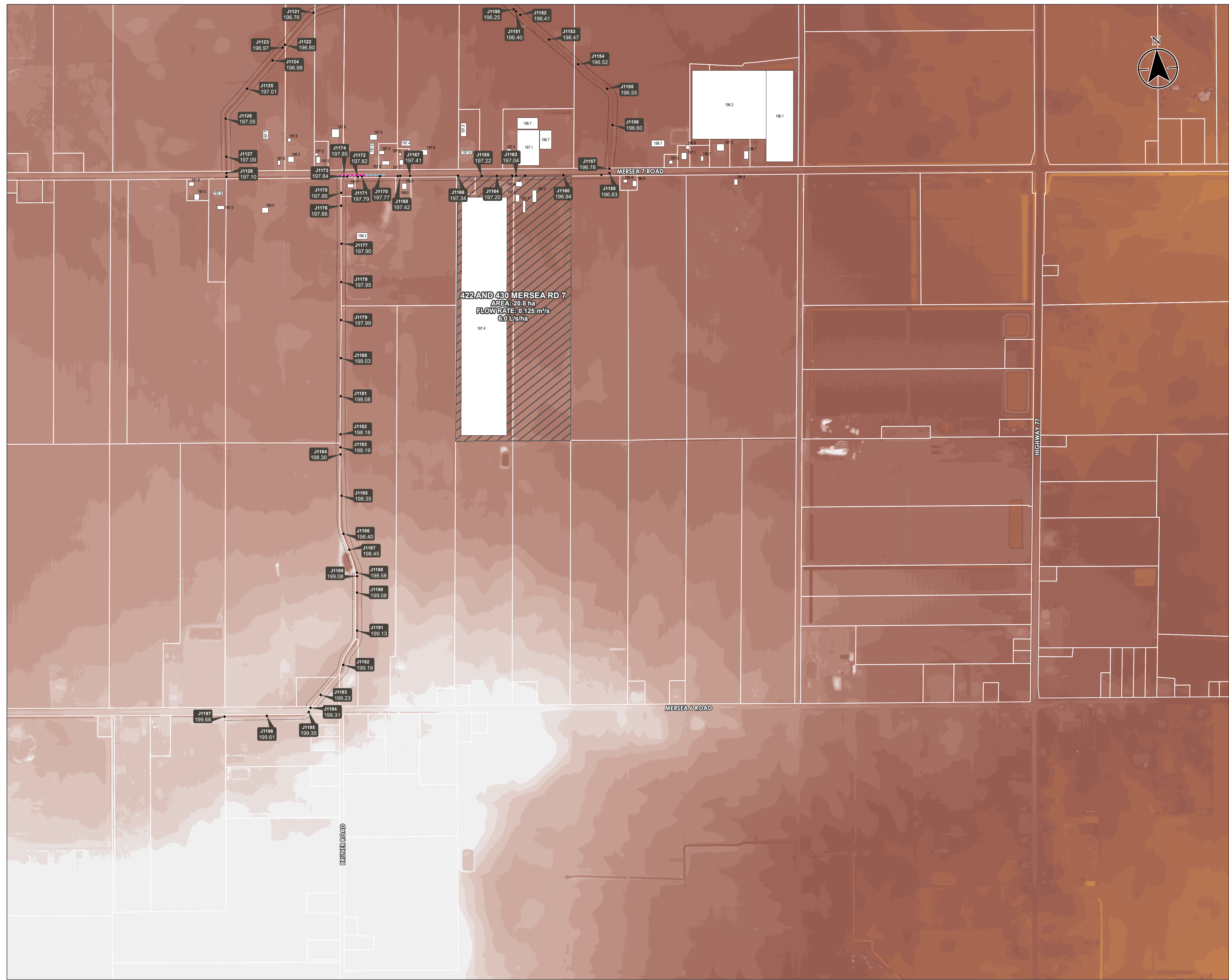
Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **5**  
 Title: **Projected Flood Elevations 1:100 Year Event**

UPDATED FEBRUARY 19 2021

\\ca0217-fp\p\01\work\_group\01656\active\165620134\Floodline\MXD\165620134\_BandedElevation\_Revise21\_02-19.mxd  
 Revised: 2021-02-19 By: febuchanan

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**Legend**

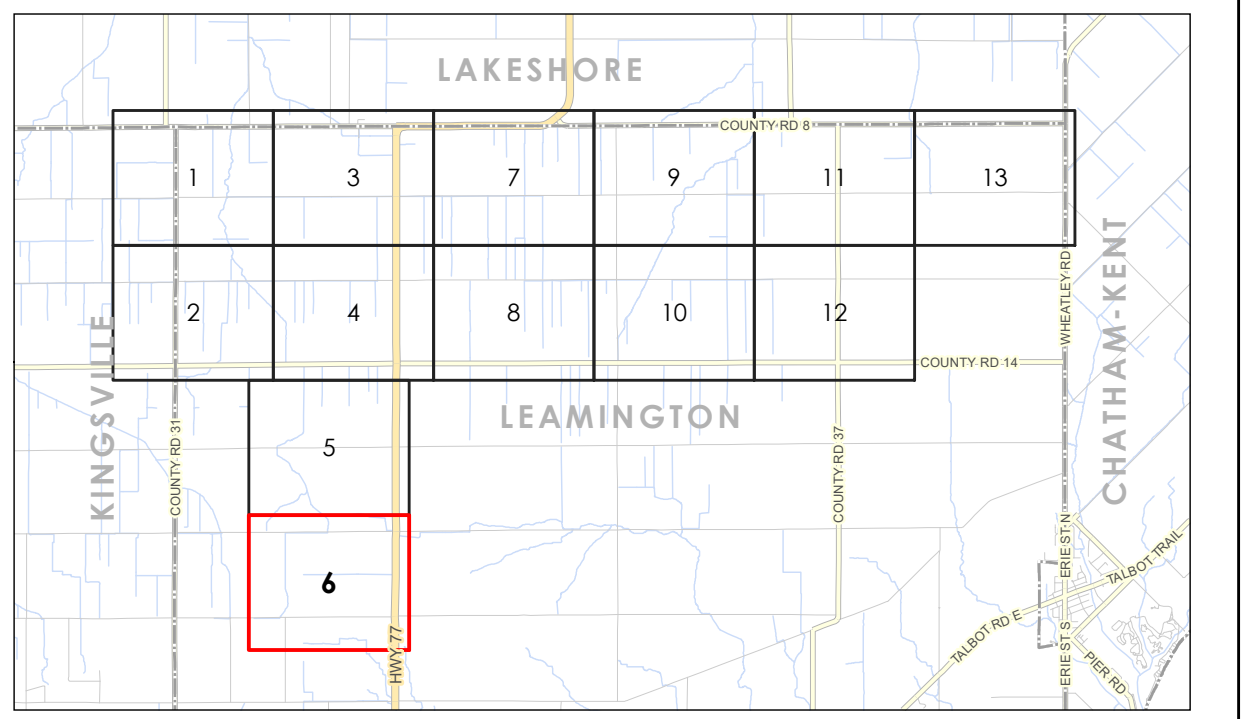
- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Existing Channel
- Node ID  
Calculated Regulatory Flood Elevation (m)
- Modeled Node - Re-aligned Channel
- Proposed Floodway\*
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm of Pavement Edge
- > 30 cm of Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**

≥ 201.51	195.51 - 196.00	189.51 - 190.00
201.01 - 201.50	195.01 - 195.50	189.01 - 189.50
200.51 - 201.00	194.51 - 195.00	188.51 - 189.00
200.01 - 200.50	194.01 - 194.50	188.01 - 188.50
199.51 - 200.00	193.51 - 194.00	187.51 - 188.00
199.01 - 199.50	193.01 - 193.50	187.01 - 187.50
198.51 - 199.00	192.51 - 193.00	186.51 - 187.00
198.01 - 198.50	192.01 - 192.50	186.01 - 186.50
197.51 - 198.00	191.51 - 192.00	185.51 - 186.00
197.01 - 197.50	191.01 - 191.50	185.01 - 185.50
196.51 - 197.00	190.51 - 191.00	184.51 - 185.00
196.01 - 196.50	190.01 - 190.50	184.01 - 184.50
		≤ 184.00




**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm for Reid Drain and Silver Creek watersheds defined herein as a 100-year 6-hour storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution. Regulatory Storm for Big Creek watershed is based on the 1937 historical flood defined herein as a 12-hour storm with rainfall amount of 113 millimetres.
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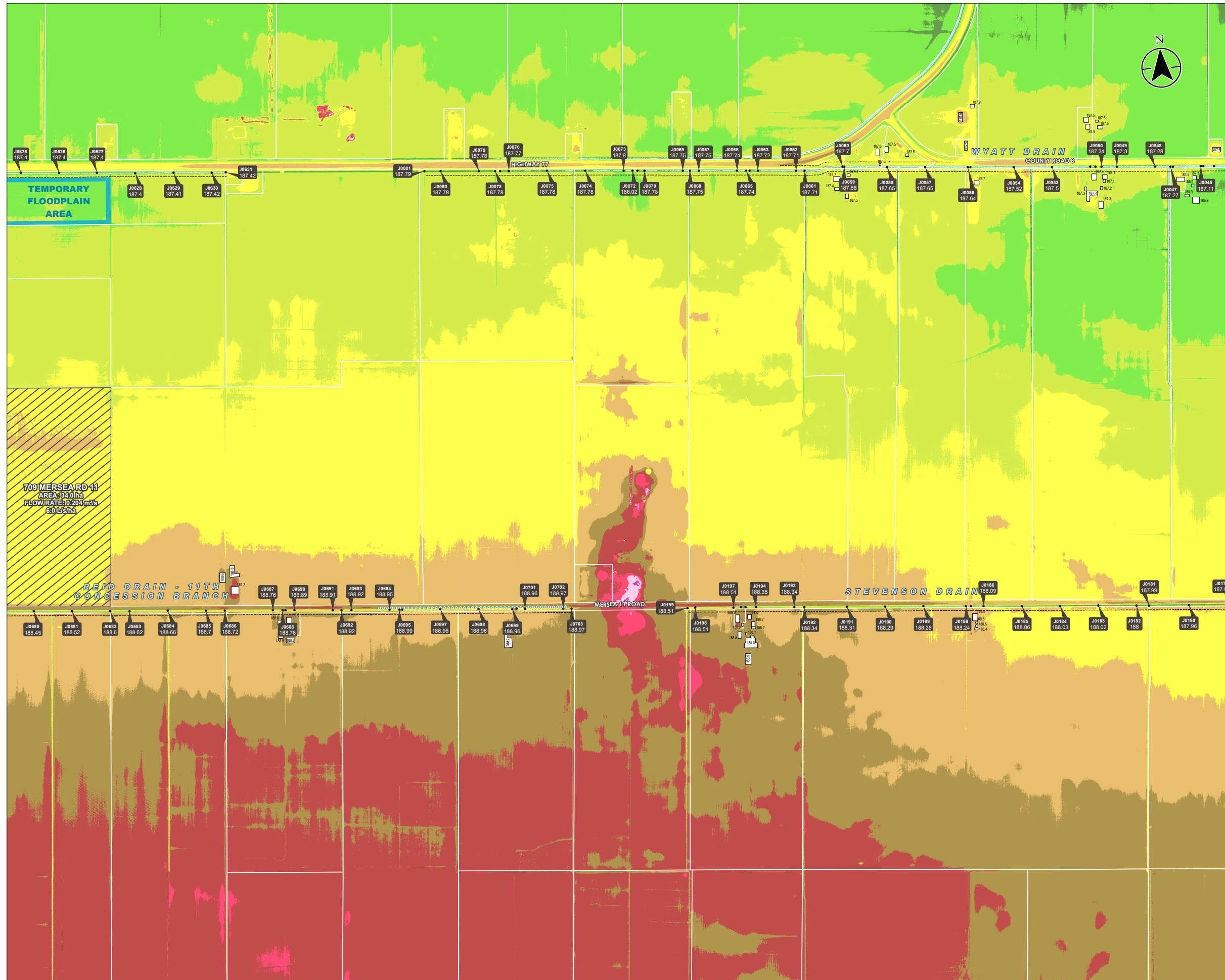
Project Location: 165620134 REVD  
 Municipality of Leamington Prepared by KDB on 2021-02-19  
 Technical Review by DJC on 2021-02-19

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID  
 DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **6**

Title: **Projected Flood Elevations  
 1:100 Year Event**

**UPDATED FEBRUARY 19 2021**



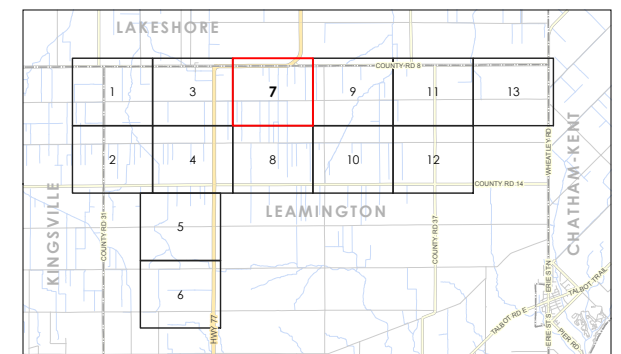
**Legend**

- Node ID
- 1:100 Year Regulatory Flood Elevation (m)
- Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- 191.51 - 192.00
- 191.01 - 191.50
- 190.51 - 191.00
- 190.01 - 190.50
- 189.51 - 190.00
- 189.01 - 189.50
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- 185.01 - 185.50
- 184.51 - 185.00



**Notes**

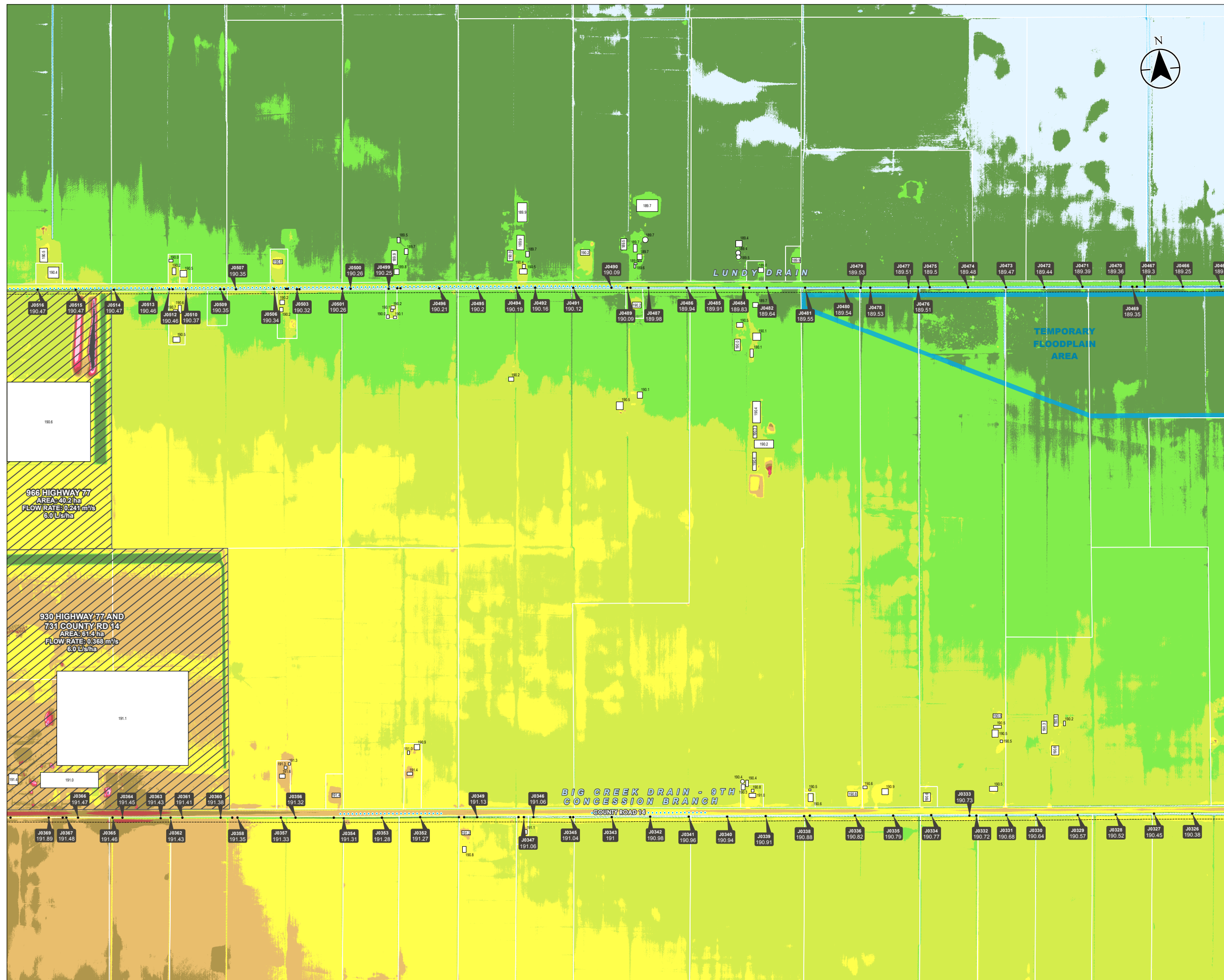
1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1979 Adjustment)
3. Regulatory Storm defined herein as 100-Year 6-hour Storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution.
4. Proposed floodway limits shown are for illustration purposes only and have been depicted as an 8 metre offset from approximate top of bank alignments. Actual limits of floodway are to be a minimum horizontal setback of 8 metres plus depth of drain. Development is prohibited within the floodway limits and the designated floodway area within these limits shall remain unencumbered of any obstruction or fill.
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Project Location: 165620134 REV8  
 Municipality of Leamington: Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **7**  
 Title: **Projected Flood Elevations 1:100 Year Event**



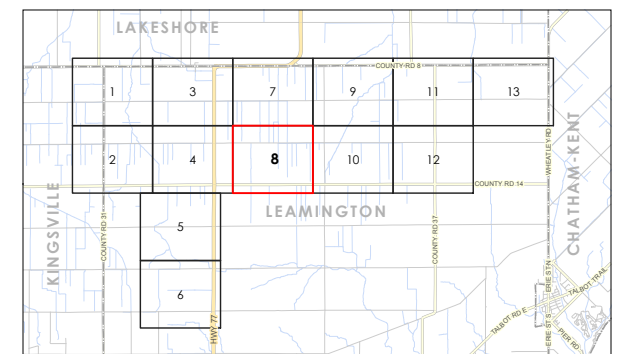
**Legend**

- Node ID
- 1:100 Year Regulatory Flood Elevation (m)
- Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- ≥ 194.51
- 194.01 - 194.50
- 193.51 - 194.00
- 193.01 - 193.50
- 192.51 - 193.00
- 192.01 - 192.50
- 191.51 - 192.00
- 191.01 - 191.50
- 190.51 - 191.00
- 190.01 - 190.50
- 189.51 - 190.00
- 189.01 - 189.50
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- ≤ 187.50



**Notes**

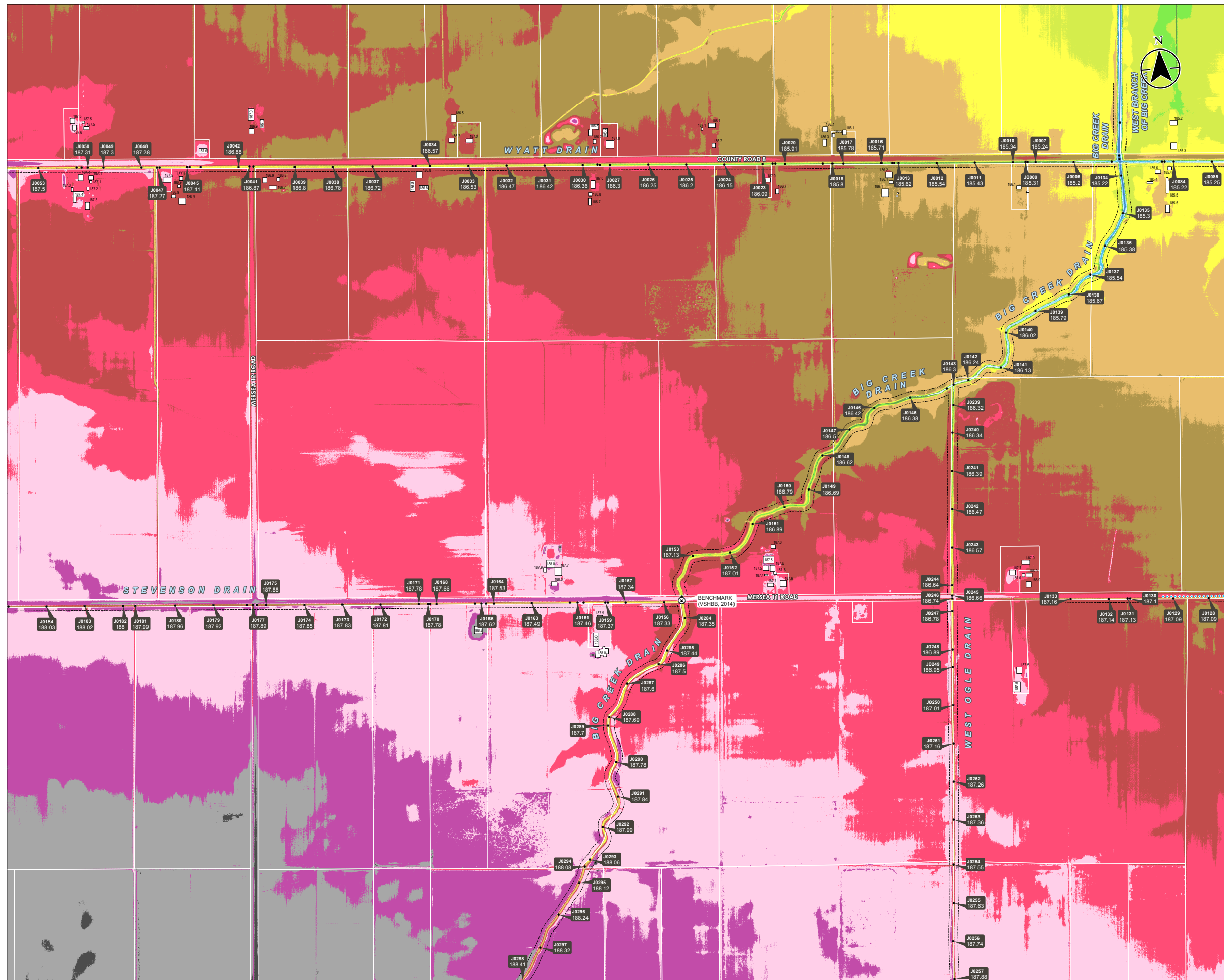
1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1978 Adjustment)
3. Regulatory Storm defined herein as 100-Year 6-hour Storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution.
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Project Location: Leamington  
 Municipality of Leamington  
 165620134 REV B  
 Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project:  
 MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID  
 DRAIN, SILVER CREEK AND BIG CREEK

Figure No.: **8**  
 Title: **Projected Flood Elevations  
 1:100 Year Event**



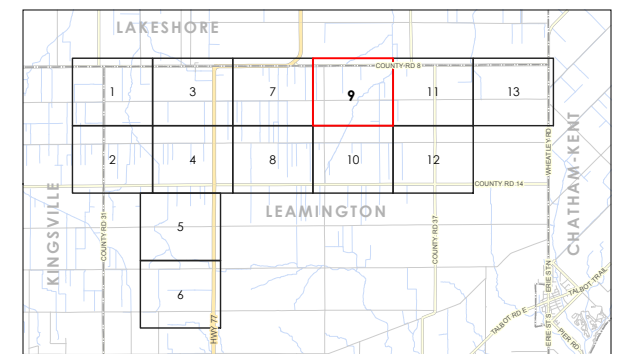
**Legend**

- Node ID
- 1:100 Year Regulatory Flood Elevation (m)
- Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- ≥ 189.01
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- 185.01 - 185.50
- 184.51 - 185.00
- 184.01 - 184.50
- 183.51 - 184.00
- 183.01 - 183.50
- 182.51 - 183.00
- 182.01 - 182.50
- ≤ 182.00



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
2. Vertical Coordinate System: CGVD 1928 (1979 Adjustment)
3. Regulatory Storm defined herein as 100-Year 6-Hour Storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution.
4. Proposed floodway limits shown are for illustration purposes only and have been depicted as an 8 metre offset from approximate top of bank alignments. Actual limits of floodway are to be a minimum horizontal setback of 8 metres plus depth of drain. Development is prohibited within the floodway limits and the designated floodway area within these limits shall remain unencumbered of any obstruction or fill.
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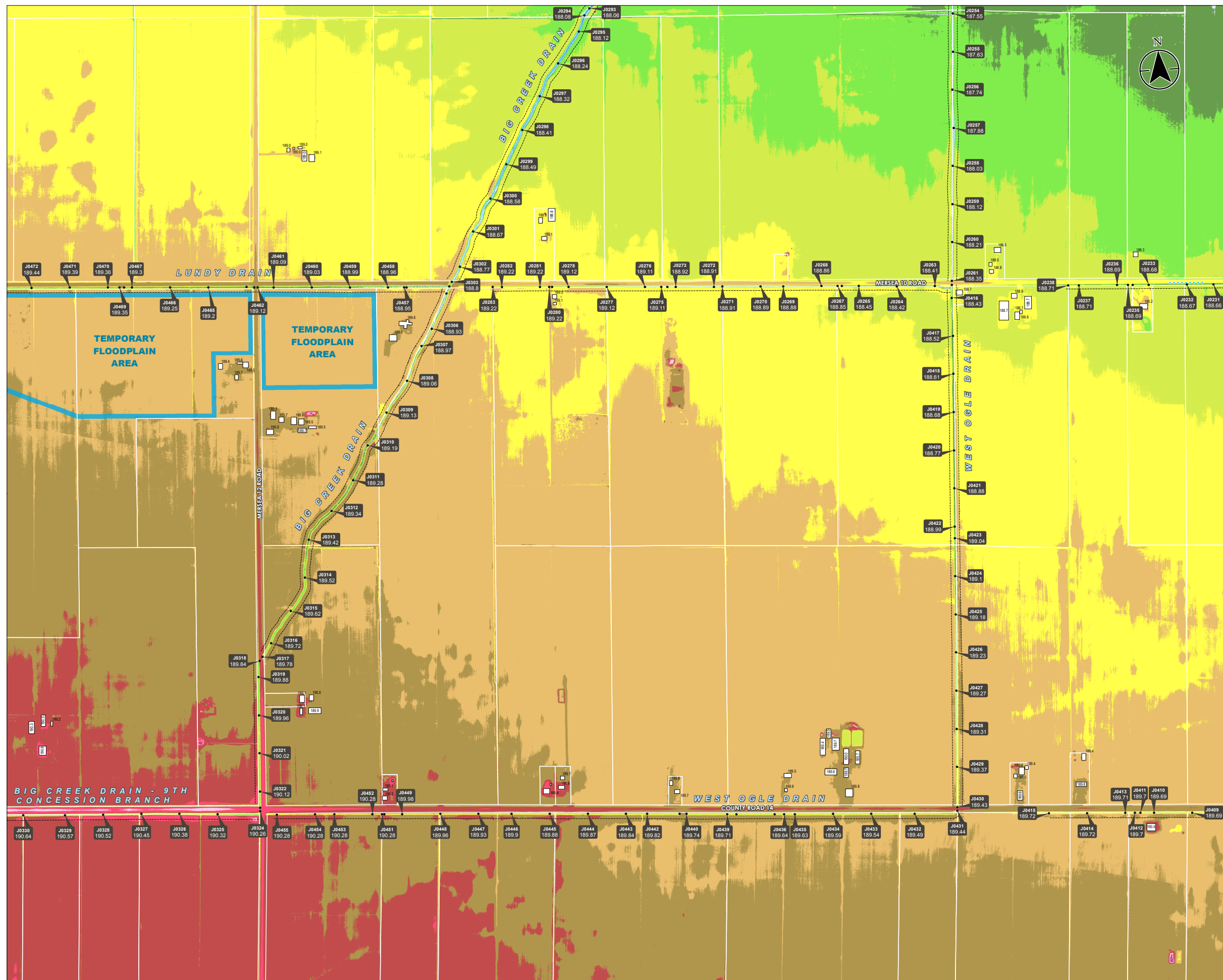
Project Location: 165620134 REV8  
 Municipality of Leamington: Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.

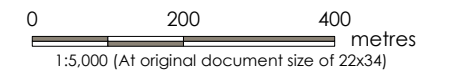
**9**

Title: **Projected Flood Elevations  
 1:100 Year Event**



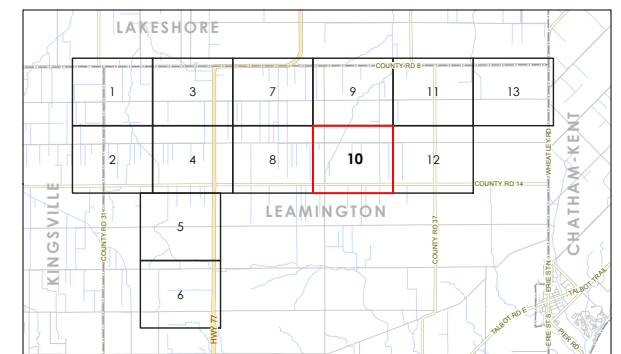
**Legend**

- Node ID  
1:100 Year Regulatory Flood Elevation (m)  
Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- 192.01 - 192.50
- 191.51 - 192.00
- 191.01 - 191.50
- 190.51 - 191.00
- 190.01 - 190.50
- 189.51 - 190.00
- 189.01 - 189.50
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- ≤ 185.50



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
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Project Location: 165620134 REV B  
 Municipality of Leamington: Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

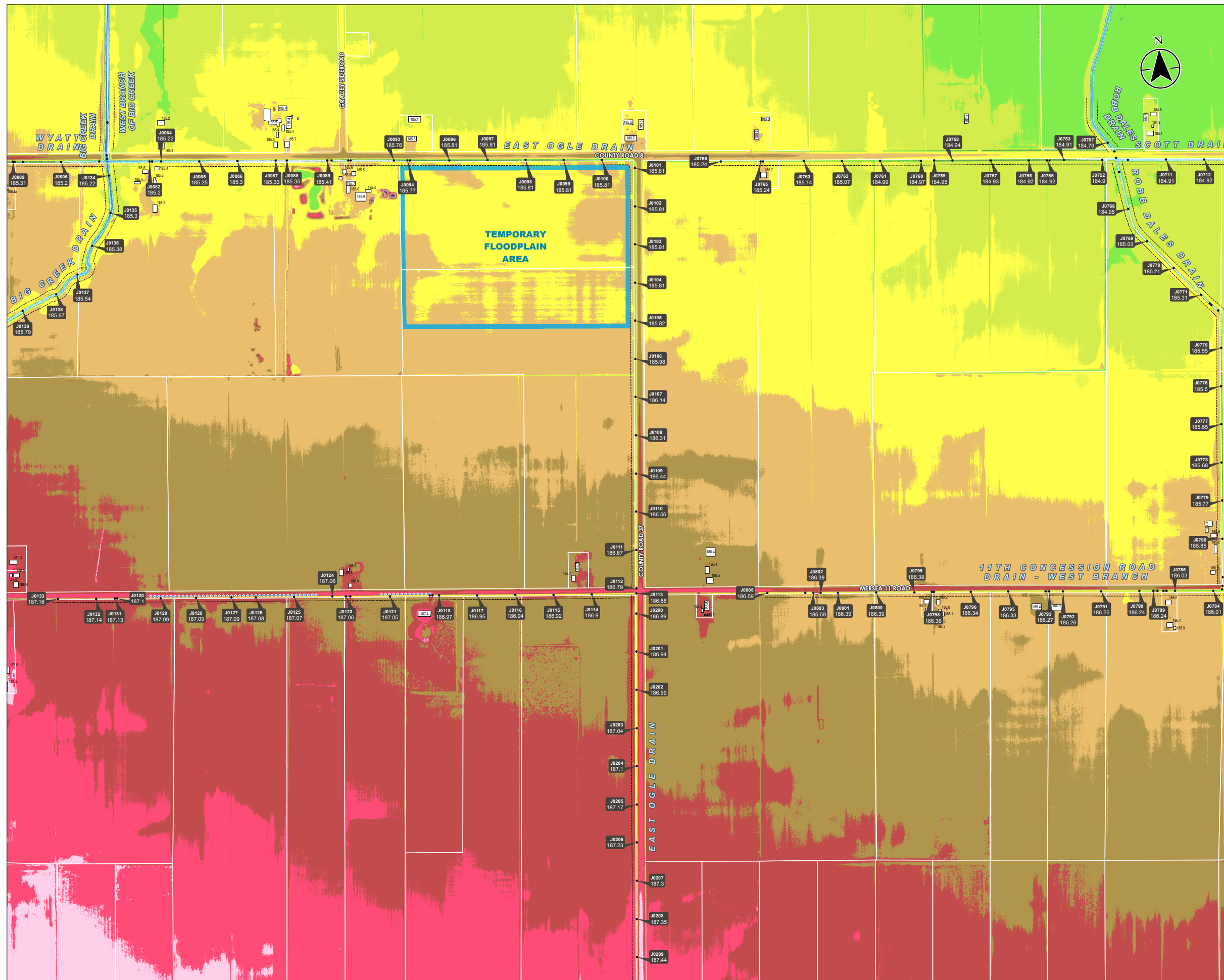
Client/Project:  
 MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID  
 DRAIN, SILVER CREEK AND BIG CREEK

Figure No.

**10**

Title

**Projected Flood Elevations  
 1:100 Year Event**



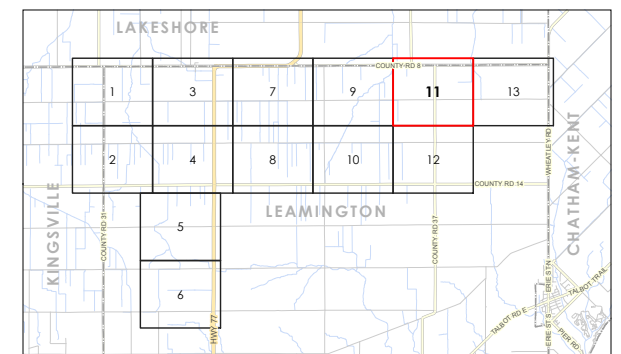
**Legend**

- Node ID
- 1:100 Year Regulatory Flood Elevation (m)
- Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- ≥ 189.01
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- 185.01 - 185.50
- 184.51 - 185.00
- 184.01 - 184.50
- 183.51 - 184.00
- 183.01 - 183.50
- 182.51 - 183.00
- 182.01 - 182.50
- ≤ 182.00



**Notes**

1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
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3. Regulatory Storm defined herein as 100-Year 6-Hour Storm with rainfall amount of 99 millimetres, distributed using Probable Maximum Precipitation distribution.
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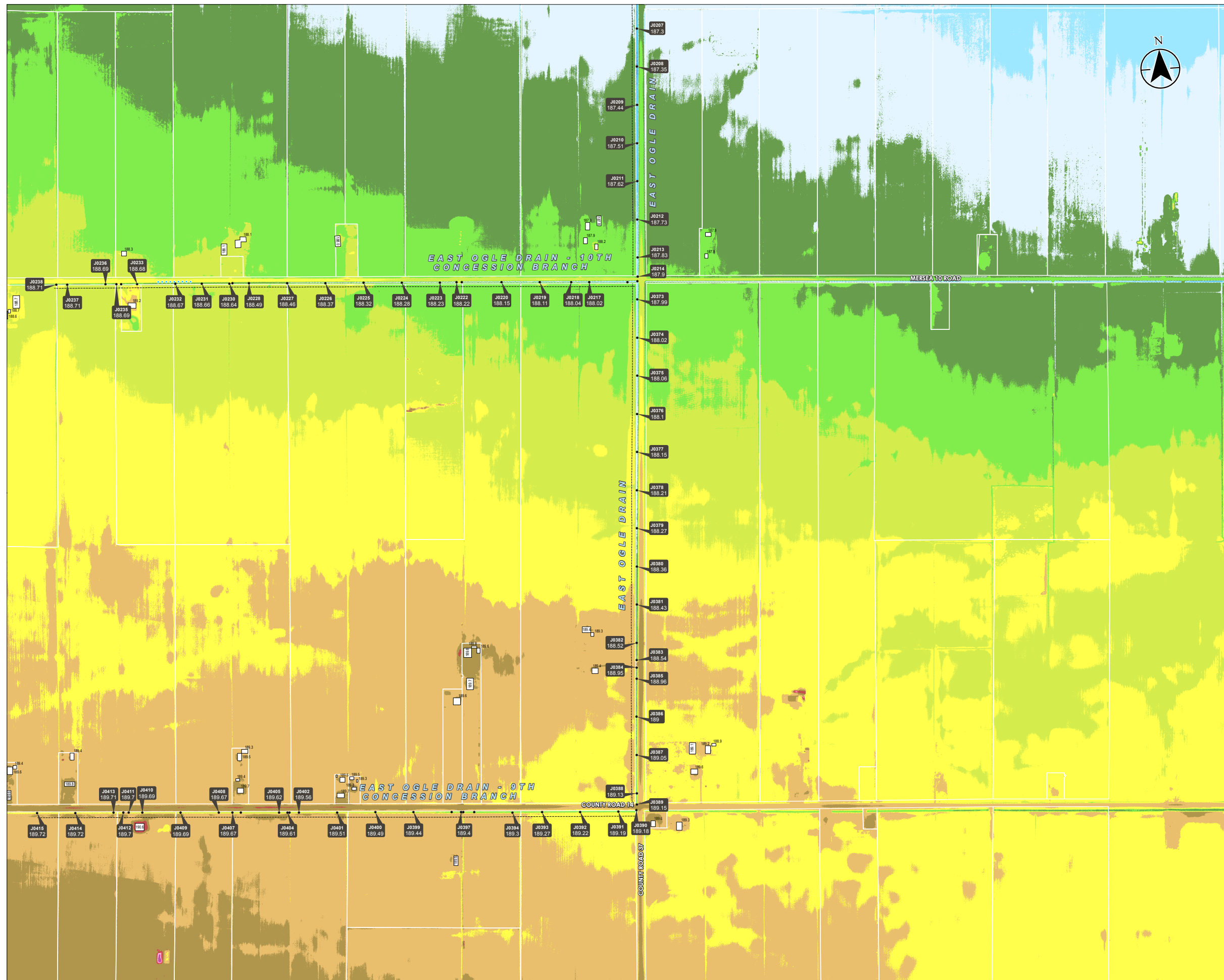
Project Location: 165620134 REV B  
 Municipality of Leamington: Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.

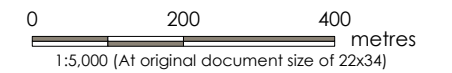
**11**

Title  
**Projected Flood Elevations  
 1:100 Year Event**



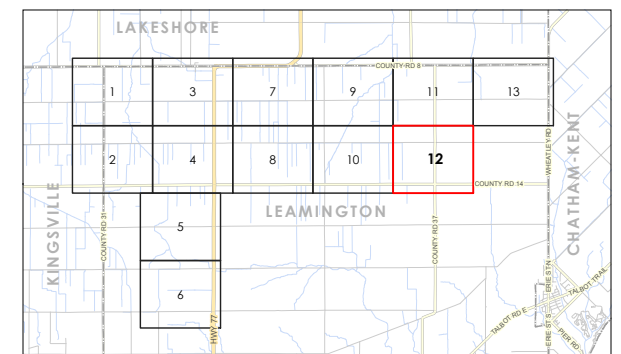
**Legend**

- Node ID  
1:100 Year Regulatory Flood Elevation (m)  
Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- 192.01 - 192.50
- 191.51 - 192.00
- 191.01 - 191.50
- 190.51 - 191.00
- 190.01 - 190.50
- 189.51 - 190.00
- 189.01 - 189.50
- 188.51 - 189.00
- 188.01 - 188.50
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- ≤ 185.50



**Notes**

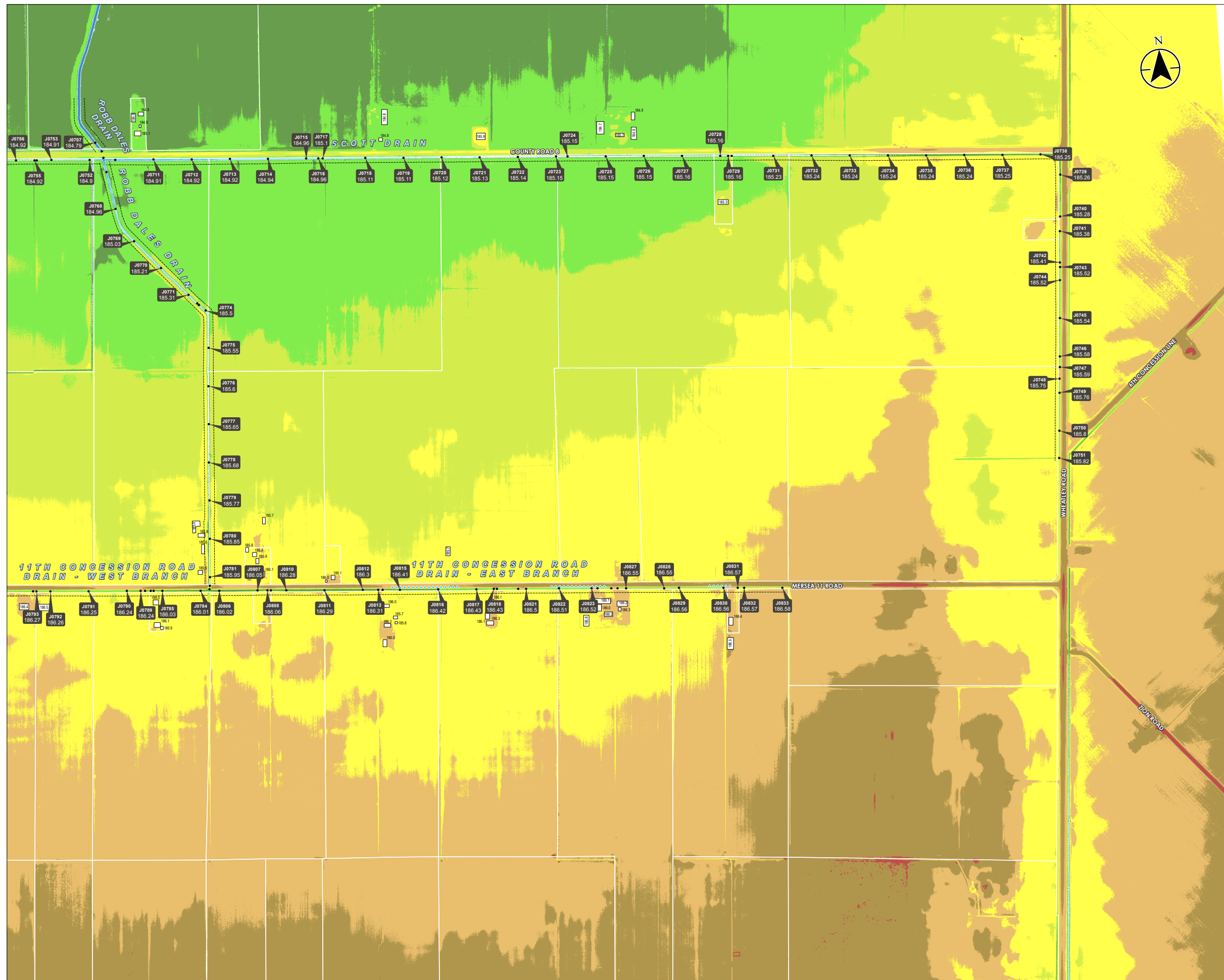
1. Horizontal Coordinate System: NAD 1983 UTM Zone 17N
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Project Location: Leamington  
 Municipality of Leamington  
 Client/Project: MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK  
 Figure No.: 12  
 Title: Projected Flood Elevations 1:100 Year Event

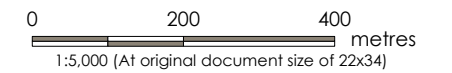
165620134 REV B  
 Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project  
 MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK  
 Figure No.  
**12**  
 Title  
**Projected Flood Elevations  
 1:100 Year Event**



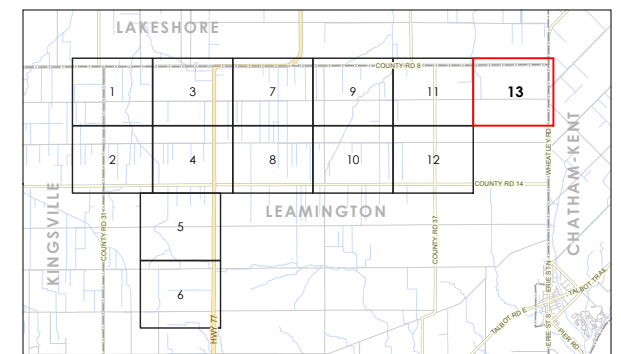
**Legend**

- Node ID
- 1:100 Year Regulatory Flood Elevation (m)
- Modeled Node
- Proposed Floodway<sup>4</sup>
- Designated Temporary Floodplain Area
- Ponding Above Road**
- 0 - 30 cm at Pavement Edge
- > 30 cm at Pavement Edge
- Existing Building and Approximate Existing Grade Elevation (m)
- Buildout Area
- Existing Ground Elevation (m)**
- 187.51 - 188.00
- 187.01 - 187.50
- 186.51 - 187.00
- 186.01 - 186.50
- 185.51 - 186.00
- 185.01 - 185.50
- 184.51 - 185.00
- 184.01 - 184.50
- 183.51 - 184.00
- 183.01 - 183.50
- 182.51 - 183.00
- ≤ 182.50



**Notes**

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Project Location: 165620134 REV8  
 Municipality of Leamington: Prepared by KDB on 2019-05-22  
 Technical Review by AM on 2019-05-21

Client/Project:  
 MUNICIPALITY OF LEAMINGTON  
 STORMWATER MASTER DRAINAGE STUDY FOR REID DRAIN, SILVER CREEK AND BIG CREEK

Figure No.:  
**13**  
 Title:  
**Projected Flood Elevations  
 1:100 Year Event**